CLAIMS

1. A system for controlling a first component comprising:

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      means for interrogating a first parameter having an associated threshold;

      means for determining whether the first parameter

10   meets the associated threshold; and

      means, responsive to a successful determination, for adjusting a second parameter for controlling the first component,

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      wherein the first and second parameters are expressed as a logical expression and wherein each parameter comprises at least three values corresponding to a minimum value and a maximum value together representing a range and

20   a variable value.

2. A system as claimed in claim 1, further comprising means for initialising each parameter, wherein upon initialisation, the variable value represents an initial

25   value.

3.   A system as claimed in claim 1, wherein upon interrogation, the variable value represents a current value.

4.   A system as claimed in claim 3, comprising means, responsive to the current value of the first parameter lying outside of the range, for executing an action.

5.   A system as claimed in claim 3, wherein the means for adjusting adjusts the current value of the second parameter.

6.   A system as claimed in claim 2, wherein the means for initialising is executed by an application program.

7.   A system as claimed in claim 1, further comprising a network and a second component, wherein the second parameter controls the first and second components.

8.   A method of controlling a first component comprising the steps of:

interrogating a first parameter having an associated threshold;

determining whether the first parameter meets the associated threshold; and

adjusting, in response to a successful determination, a second parameter for controlling the first component,

wherein the first and second parameters are expressed
5   as a logical expression and wherein each parameter comprises at least three values corresponding to a minimum value and a maximum value together representing a range and a variable value.

10 9.   A method as claimed in claim 8, further comprising the step of initialising each parameter, wherein upon initialisation, the variable value represents an initial value.

15 10.   A method as claimed in claim 8, wherein upon interrogation, the variable value represents a current value.

11.   A method as claimed in claim 10, further comprising
20 the step of executing, in response to the current value of the first parameter lying outside of the range, an action.

12.   A method as claimed in claim 10, wherein in the adjusting step, the current value of the second parameter
25 is adjusted.

13.   A method as claimed in claim 9, wherein an application program executes the initialising step.

14.   A method as claimed in claim 8, for use in a system comprising a network and a second component, wherein the second parameter controls the first and second components.

15.   A computer program comprising program code means adapted to perform the method of claim 8 when said program is run on a computer.

16.   A system for controlling a first medical component comprising:

        means for interrogating a first physiological parameter having an associated threshold;

        means for determining whether the first physiological parameter meets the associated threshold; and

        means, responsive to a successful determination, for adjusting a second physiological parameter for controlling the first medical component,

        wherein the first and second physiological parameters are expressed as a logical expression and wherein each physiological parameter comprises at least three values

corresponding to a minimum value and a maximum value
together representing a range and a variable value.

17.   A system as claimed in claim 16, further comprising
means for initialising each physiological parameter,
wherein upon initialisation, the variable value represents
an initial value.

18.   A system as claimed in claim 16, wherein upon
interrogation, the variable value represents a current
value.

19.   A system as claimed in claim 18, comprising means,
responsive to the current value of the first physiological
parameter lying outside of the range, for executing an
action.

20.   A system as claimed in claim 18, wherein the means
for adjusting adjusts the current value of the second
physiological parameter.

21.   A system as claimed in claim 17, wherein the means
for initialising is executed by an application program.

22.   A system as claimed in claim 16, further comprising a
network and a second medical component, wherein the second

physiological parameter controls the first and second
medical components.

23. A system as claimed in claim 16, wherein the first
medical component is at least one syringe driver.

24. A system as claimed in claim 23, wherein the first
physiological parameter represents a blood sugar level.

25. A system as claimed in claim 24, wherein the second
physiological parameter represents an insulin level.

26. A system as claimed in claim 24, wherein the second
physiological parameter represents a sugar solution level.

27. A system as claimed in claim 16, wherein the first
physiological parameter represents heart rate.

28. A system as claimed in claim 27, wherein the second
physiological parameter represents an amount of a drug.